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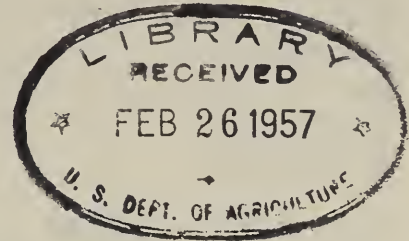
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UNITED STATES DEPARTMENT OF AGRICULTURE  
Agricultural Marketing Service  
Poultry Division  
Washington 25, D. C.

MEMORANDUM

August 10, 1956

TO: Area Grading & Inspection Supervisors  
FROM: B. C. Pier, Veterinary Supervisor  
SUBJECT: COMPOUNDS



Section 70.286 of the regulations provides that: "Only such germicides, insecticides, rodenticides, detergents or wetting agents or other similar materials may be used as will not contaminate or deleteriously affect the edible product. The use of such compounds shall be in a manner satisfactory to the Administrator."

The following is a complete list of compounds which have been found to be acceptable for use in official plants since this provision of the regulations became effective. This list includes the compounds which were listed in my memorandum of January 5, 1956 and those which have been found to be acceptable since that time.

GENERAL CLEANING AGENTS

Approval of the following general cleaning agents is with the understanding that the processing equipment or utensils on which they are used will be thoroughly rinsed with clean water before such equipment or utensils are again used for handling product.

COMPOUND

MANUFACTURED BY

AMPOLITE	The Diversey Corp., Chicago, Ill.				
DICAN XX	11	11	11	11	11
DICOPAN	11	11	11	11	11
DIFLEX	11	11	11	11	11
DILAC	11	11	11	11	11
DIPAC	11	11	11	11	11
DITRAN	11	11	11	11	11
DIVERSEY #1	11	11	11	11	11
DIVERSOL	11	11	11	11	11
DIVERSOL CX	11	11	11	11	11
DIVORBRITE	11	11	11	11	11
DIVOLUME	11	11	11	11	11
DIVOLUXE	11	11	11	11	11
D-LUXE	11	11	11	11	11
ELEKTRO-PURJ-IT	11	11	11	11	11
DIVERSEY HEAVY DUTY	11	11	11	11	11
LUSTRAL	11	11	11	11	11
NOVEX	11	11	11	11	11
PYRON	11	11	11	11	11
RELION	11	11	11	11	11



GENERAL CLEANING AGENTS (CONTINUED)

COMPOUND

MANUFACTURED BY

SPEC-TAC  
DIVERSEY SUPER DUTY  
TEMBRITE  
TIG  
BI-TEC #13  
CC CLEANER

The Diversey Corp., Chicago, Ill.  
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" " " " "

Birko Chemicals, Denver, Colorado  
Geo. Stearns Chemical Corp., Madison,  
Wisc.

7-11 GENERAL CLEANER  
PYROTEX (HEAVY DUTY CLEANER)  
BWCR (HEAVY DUTY CLEANER)  
MANNOCLEAN (MANUAL CLEANER)  
GENERAL PURPOSE (GENERAL CLEANER)  
PAM DETERGENT  
HEAVY DUTY CLEANER (OM)  
HYTRON  
BWCS  
BWCG

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KLENZADE HC-6  
KLENZADE SUPER WET FORMULA HC-7  
KLENZADE GENERAL CLEANER  
FORMULA HC-55  
KLENZADE GENERAL CLEANER  
(CHLORINATED FORMULA HC-8)  
KLENZADE HARD FLOOR CLEANER  
(FORMULA IM-3)

Klenzade Products, Inc., Beloit, Wisc.

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MIKRO-STAT  
GC-390  
S-C-C SPECIAL  
NO. 372 GENERAL CLEANER  
BONCHEM 448  
372 DAIRY FARM GENERAL CLEANER  
BONCHEM 452  
BONCHEM 453  
NO. 286 CHELATING CAUSTIC  
SPARK-O-SAN

Bonewitz Chemicals, Inc. Burlington, Ia.

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MC-3  
RAY-DEX  
BK BOTTLE KOMPOUND  
BRY KO  
GENERAL MANUAL KLEANSER  
MAGNUS 11-DW  
CANO  
CREVAT  
PERI  
RENU  
SEP-KO  
VITAL  
WETTO

Pennsylvania Salt Mfg. Co., Phila., Pa.

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" " " " "

Magnus Chemical Co., Inc., Gawood, N.J.

Monarch Chemicals, Inc. Minneapolis, Minn.

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GENERAL CLEANING AGENT (CONTINUED)

<u>COMPOUND</u>	<u>MANUFACTURED BY</u>
NATIONAL RESTORIT	National Disinfectant Co. Dallas, Texas
OAKITE GENERAL CLEANER	Oakite Products, Inc. New York, N.Y.
WYANDOTTE GLX	Wyandotte Chemicals Corp. Wyandotte, Mich
ALKALATE	Diamond Alkali Co., Cleveland, Ohio
ALL PURPOSE W	" " " " "
BB ALKALI	" " " " "
CH-100	" " " " "
CH-101	" " " " "
CH-401	" " " " "
CH-400	" " " " "
CLIPPER CLEANER	" " " " "
DREADNAUGHT	" " " " "
HARDNOX ALKALI	" " " " "
HI-SPEED	" " " " "
HI-TEST ALKALI	" " " " "
HW HI-TEST	" " " " "
HW SOAKER ALKALI	" " " " "
HYDROBREAK	" " " " "
HYDROLATE	" " " " "
METALATE	" " " " "
NEUTRAL 50 CLEANER	" " " " "
NUTRALAC	" " " " "
ORTHOLATE	" " " " "
ORTHOSILICATE	" " " " "
PARALATE	" " " " "
SAMSON	" " " " "
SEQUET	" " " " "
SPECIAL ALKALI #45	" " " " "
SPECIAL ALKALI #60	" " " " "
SPECIAL ALKALI #70	" " " " "
N-L CONCENTRATE	National Laboratories, Inc. Toledo, Ohio
SANFAX GM-27	The Sanfax Company, Atlanta, Ga.
SPIC AND SPAN	The Procter & Gamble Co. Cincinnati, Ohio
GREASGO	Tempo Chemical Co. Long Island City, N.Y.
DAIR	Du Bois Co. Inc. Cincinnati, Ohio
CLIMALENE	Climalene Co. Canton, Ohio

CLEANING & SANITIZING AGENTS

Approval of the following cleaning and sanitizing agents is with the understanding that processing equipment or utensils on which they are used will be rinsed with clean water before such equipment or utensils are again used for handling product.

<u>COMPOUND</u>	<u>MANUFACTURED BY</u>
BK POWDER	Pennsylvania Salt Mfg. Co. Phila., Pa.
BI-CHLOR	Birko Chemicals, Denver, Colo.



CLEANING & SANITIZING AGENTS (CONTINUED)

<u>COMPOUND</u>	<u>MANUFACTURED BY</u>
CHLOROSAN	Geo. Stearns Chemical Co., Madison, Wisc.
HYPO CHLOR X-12	" " " " " "
DIVERSOL	The Diversey Corporation, Chicago, Ill.
DIVERSOL CX	" " " " " "
HORIZO SANITIZER	Diamond Alkali Company, Cleveland, Ohio
KLENZADE XY-12	Klenzade Products, Inc. Beloit, Wisc.
PEXCHLOR	Peck's Products Co., St. Louis, Missouri
MONACID	Monarch Chemical, Inc. Minneapolis, Minn.
SO-LIDE	" " " " " "
WESCODYNE	West Disinfecting Co., Long Island City, N.Y.
CRYSTAL-CHLOR	Bonewitz Chemicals, Inc. Burlington, Ia.

ACID CLEANERS

Approval of the following acid cleaners is with the understanding that they will not be used in processing rooms at times when products are exposed. Processing equipment must be thoroughly rinsed with clean water after these cleaners are used.

<u>COMPOUND</u>	<u>MANUFACTURED BY</u>
CLENESCO ACID CLEANER	Cowles Chemical Co. Cleveland, Ohio
POWDERED ACID CLEANER	Diamond Alkali Co., Cleveland, Ohio
ACID SALT CLEANER	Geo. Stearns Chemical Corp., Madison, Wisc.
HYDROSOL (ACID DETERGENT)	" " " " " "
PAM ACTIVATOR	" " " " " "
AC-TEC #100	Birko Chemicals, Denver, Colorado
KLENZADE FLASH KLENZ	Klenzade Products, Inc., Beloit, Wisc.
FORMULA LC-12	" " " " " "
KLENZADE HEAVY DUTY ACID	" " " " " "
FORMULA LC-30	" " " " " "
GBS	Monarch Chemicals, Inc. Minneapolis, Minn.
SODIUM ACID SULPHATE	No Company
OAKITE FORMULA #84-M	Oakite Products, Inc. New York, N. Y.
PENNCLEAN	Pennsylvania Salt Mfg. Co., Phila., Pa.
WYANDOTTE SERVAC	Wyandotte Chemical Co., Wyandotte, Mich.
WYANDOTTE SR-10	" " " " " "
EVERITE	Diversey Company, Chicago, Illinois
APC #23	Bonewitz Chemicals, Inc. Burlington, Ia.
STANDARD DETERGENT #106	" " " " " "
FANACID	" " " " " "
T.O.T.	" " " " " "
RULON 210	" " " " " "
BONACID 434	" " " " " "
APC #10	" " " " " "
MR-100	" " " " " "



CLEANING AGENTS USED IN HEAVY CLEANING APPLICATIONS WITH STEAM CLEANERS  
OR WITH RECIRCULATING DEVICES

COMPOUND

MANUFACTURED BY

KLENZADE BRITE KLENZ FORMULA HC-19	Klenzade Products, Inc., Beloit, Wisc.
KLENZADE SPECIAL ALKALI FORMULA HC-41	" " " " "

HAND SOAPS

It is not generally necessary to obtain specific approval for the use of individual soaps since the use of soap is permitted in paragraph IV, A, 1, (g) of AMS PY-Instruction No. 918-10. This instruction provides that "Soaps that are heavily perfumed . . . are not permitted." Memoranda, commenting favorably with respect to the following, have been issued.

COMPOUND

MANUFACTURED BY

BI-TEC #55-H FORMULA 77	Birko Chemicals, Denver, Colorado
G-11 HAND SOAP	Geo. Stearns Chemical Corp., Madison, Wisc.
VESTAL SDS	" " " " "
	Vestal, Inc., St. Louis, Missouri

COMPOUNDS FOR CLEANING FLOORS IN  
EDIBLE PRODUCTS DEPARTMENTS

COMPOUND

MANUFACTURED BY

CHE-TEC	Birko Chemicals, Denver, Colorado
OAKITE BI SANITE	Oakite Products, Inc., New York, N. Y.
KLENZADE HARD FLOOR CLEANER	Klenzade Products, Inc. Beloit, Wisc.

CLEANERS FOR OFFAL ROOMS, OFFAL BARRELS, ETC.

COMPOUND

MANUFACTURED BY

DIVERSEY DIPAK	The Diversey Corporation, Chicago, Ill.
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This compound is not intended for use in edible products departments.

INSECTICIDES

(WHICH MAY BE USED IN EDIBLE PRODUCTS DEPARTMENTS)

The following insecticides may be used in all areas of official plants provided that exposed product is first removed and the equipment is cleaned by thorough washing before operation is resumed.

COMPOUND

MANUFACTURED BY

DIVERSIDE	The Diversey Corp., Chicago, Ill.
DIVERSEY SPECIAL INSECTICIDE	" " " " "

INSECTICIDES (CONTINUED)  
(WHICH MAY BE USED IN EDIBLE PRODUCTS DEPARTMENTS)

<u>COMPOUND</u>	<u>MANUFACTURED BY</u>
DIVERSEY STANDARD INSECTICIDE	The Diversey Corp., Chicago, Ill.
FLIT SPECIAL SPRAY	Esso Standard Oil Co., New York, N.Y.
KILIZOL	National Disinfectant Co., Dallas, Texas
KLENZADE FLY SPRAY	Klenzade Products, Inc., Beloit, Wisc.
FORMULA INS-10	
SANO INSECTICIDE CONCENTRATE	The Sanfax Company, Atlanta, Ga.
SUPER SANFAX INSECTICIDE	" " " " "
WEEVI-KIL	The Selig Company, Atlanta, Ga.
SUPER ZEPTIZIDE	Zep Manufacturing Corp., Dallas, Texas

INSECTICIDES  
(WHICH MAY BE USED IN INEDIBLE PRODUCTS DEPARTMENTS ONLY)

The following insecticides are not intended for use in edible products departments, but may be used in inedible product areas and around the exteriors of official plants.

<u>COMPOUND</u>	<u>MANUFACTURED BY</u>
AEROSOL CONCENTRATE	National Disinfectant Co., Dallas, Texas
AQUASECT	" " " " "
DIPTEREX 199	Pittsburgh Coke & Chem. Co., Neville Island, Pennsylvania
FLY FLAKES	Florida Agricultural Supply Co., Jacksonville, Florida
FLY LUNCH	The Mackwin Company, Winona, Minn.
HOPKINS MALATHION SPRAY CONCENTRATE	Hopkins Agricultural Chemical Co., Madison, Wisc.
KLENZADE MALATHION SPRAY	Klenzade Products, Inc., Beloit, Wisc.
MALATHION FLY BAIT	Thompson-Hayward Chemical Co., Kansas City, Missouri
ORTHO FLY KILLER (DRY BAIT)	California Spray Chemical Co., Richmond, Cal.
FLI CON READY MIX	d-Con Company, Inc., Chicago, Ill.
444 INSECTICIDE	Bromm Chemical Co. Inc., Evansville, Ind.
SOLVENT FREE LIQUID GRAIN PROTECTANT	" " " " "
VARCO 50% CRESYLIC SOLUTION	James Varley and Sons, Inc. St. Louis, Mo.
REAL-KILL BUG KILLER	Cook Chemical Co., Kansas City, Missouri

The use of D.D.T., CHLORDANE and LINDANE, in areas where exposed product is not to be handled, is covered in paragraph IV, C, 1, (a), (b) and (c) of AMS PY-Instruction No. 918-10.

INSECTICIDES USED IN AEROSOLS

The following insecticides may be used in all areas of official plants provided that exposed product is first removed and the equipment is cleaned by thorough washing before operation is resumed. However, if these insecticides are used in some manner other than in aerosol bombs, their use must be restricted to inedible products departments.

COMPOUND

MANUFACTURED BY

LETHALAIRE V-21  
LETHALAIRE V-22

Virginia Smelting Co., W. Norfolk, Va.  
" " " " "

GERMICIDES

(FOR SANITIZING EQUIPMENT)

The following germicides may be used for sanitizing equipment and utensils in edible products departments provided that the equipment or utensils will be thoroughly rinsed with clean water before again being used.

COMPOUND

MANUFACTURED BY

DIVERSOL  
STERI-CHLOR  
ANTIBAC BACTERICIDE  
FARM DAIRY MONAKLOR  
KABON

The Diversey Corp., Chicago, Ill.  
Wyandotte Chemical Corp., Wyandotte, Mich.  
" " " " "  
Monarch Chemicals, Inc., Minneapolis, Minn.  
" " " " "

GERMICIDES

(FOR USE IN CHILL WATER)

The use of the following germicides in the chill water is with the understanding that they will not be used in concentrations which will result in more than 30 parts per million available chlorine. (Individual memos which have been issued with respect to these compounds specify amounts which may be used in order to obtain a residual of 20 parts per million available chlorine.

COMPOUND

MANUFACTURED BY

DIVERSOL CX  
HTH  
KLENZADE X-4  
KLENZADE XY-12

The Diversey Corp., Chicago, Ill.  
Olin Mathieson Chem. Corp., Chicago, Ill.  
Klenzade Products, Inc., Beloit, Wisc.  
" " " " "

GERMICIDES

(FOR ACRONIZING READY-TO-COOK POULTRY)

COMPOUND

MANUFACTURED BY

ACRONIZE PD

American Cyanamid Company, New York, N. Y.

This compound may be used only under the conditions prescribed in Supplement No. 2 of AMS PY-Instruction No. 918-10



GERMICIDES  
(FOR USE AS FINAL RINSE)

The following sanitizing agents at concentrations providing not more than 200 parts per million of available chlorine may be used as a final rinse for equipment and utensils in egg processing plants, without a subsequent rinse with potable water. These agents would also be satisfactory for similar purposes in poultry processing plants. This approval is with the understanding that the equipment or utensils will be properly drained after the application of these sanitizing agents and before such equipment or utensils are again used.

COMPOUND

MANUFACTURED BY

DIVERSOL CX  
HTH  
KLENZADE X-4  
KLENZADE XY-12

The Diversey Corp., Chicago, Ill.  
Olin Mathieson Chem. Corp., Chicago, Ill.  
Klenzade Products, Inc., Beloit, Wisc.  
" " " " "

RODENTICIDES

The use of all rodenticides which have been approved for use in official plants are covered in section D of AMS PY-Instruction No. 918-10.

EGG WASHING COMPOUNDS

COMPOUND

MANUFACTURED BY

KLORO K-O-L  
METSO 55

The Du Bois Co., Inc., Cincinnati, Ohio  
Philadelphia Quartz Co., Philadelphia, Pa.

The regulations governing the grading and inspection of egg products provide that if eggs are washed, they shall be rinsed with a water spray and promptly dried.

A special memo will be issued at a later date, with reference to WETTING AGENTS or ANTIFOAM which may be used in scald water.

*BC Pier*



